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(54) Title: MICROPOROUS HOLOW FIBER MEMBRANE WITH LENGTHWISE VARIABLE MECHANICAL AND FILTRATION PROPERTIES AND THE METHOD OF THEIR PREPARATION

(57) Abstract: The microporous hollow fiber membrane is formed by walls with a system of slit-like micropores oriented in a lengthwise direction showing constant size and density of the micropores across the fibre and variable size and density along the fibre length such that the size and the density of the pores are lower towards the fibre ends. The invention also includes the method of preparation of the hollow microporous membrane fibre.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B01D67/00 B01D69/08 B01D71/26 D01D5/24 D01F6/06 B29C55/00																	
According to International Patent Classification (IPC) or to both national classification and IPC																	
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 B01D D01D D01F B29C																	
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched																	
Electronic data base consulted during the International search (name of data base and, where practical, search terms used) WPI Data, PAJ, EPO-Internal																	
C. DOCUMENTS CONSIDERED TO BE RELEVANT <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 2px;">Category</th> <th style="text-align: left; padding: 2px;">Citation of document, with indication, where appropriate, of the relevant passages</th> <th style="text-align: left; padding: 2px;">Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">A</td> <td style="padding: 2px;">GB 2 041 821 A (CELANESE CORPORATION) 17 September 1980 (1980-09-17) page 5, line 27-61 -page 6, line 1-38; claims ---</td> <td style="padding: 2px;">1,4,5</td> </tr> <tr> <td style="padding: 2px;">A</td> <td style="padding: 2px;">US 4 541 981 A (J.J.LOWERY ET AL) 17 September 1985 (1985-09-17) cited in the application claims ---</td> <td style="padding: 2px;">5</td> </tr> <tr> <td style="padding: 2px;">A</td> <td style="padding: 2px;">US 5 547 756 A (J.KAMO ET AL) 20 August 1996 (1996-08-20) cited in the application claims --- -/-</td> <td style="padding: 2px;">1,4</td> </tr> </tbody> </table>						Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	A	GB 2 041 821 A (CELANESE CORPORATION) 17 September 1980 (1980-09-17) page 5, line 27-61 -page 6, line 1-38; claims ---	1,4,5	A	US 4 541 981 A (J.J.LOWERY ET AL) 17 September 1985 (1985-09-17) cited in the application claims ---	5	A	US 5 547 756 A (J.KAMO ET AL) 20 August 1996 (1996-08-20) cited in the application claims --- -/-	1,4
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<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.			<input checked="" type="checkbox"/> Patent family members are listed in annex.														
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Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016			Authorized officer Cordero Alvarez, M														

INTERNATIONAL SEARCH REPORT

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	PATENT ABSTRACTS OF JAPAN vol. 1995, no. 06, 31 July 1995 (1995-07-31) & JP 07 080263 A (MITSUBISHI RAYON CO LTD), 28 March 1995 (1995-03-28) abstract -----	1,4,5

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